

WHAT IS CLAIMED IS:

1. A karaoke device with built-in microphone, comprising:
a body having a microphone;
an A/D converting means which is provided in the body and converts inputted
5 voices from said microphone into audio data;
an audio data processing means which is provided in the body and receives the
audio data from the A/D converter and processes the audio data to output processed audio
data; and
an audio signal outputting means which is provided in the body and outputs an
10 audio signal on the basis of the processed audio data.
2. A karaoke device with built-in microphone according to claim 1, wherein the
audio data processing means includes a ring buffer for storing the audio data from the
A/D converting means; a writing means for writing the audio data into the ring buffer;
and a reading means for reading the audio data from the ring buffer.
- 15 3. A karaoke device with built-in microphone according to claim 2, further
comprising an echo mode setting key provided on the body to set an echo mode, wherein
the writing means includes a first setting means to set a size of the ring buffer in response
to the echo mode.
4. A karaoke device with built-in microphone according to claim 2 or 3, further
20 comprising a voice effect mode setting key provided on the body to set a voice effect
mode, wherein the reading means includes a second setting means to set a ring buffer read
pointer in response to said voice effect mode.
5. A karaoke microphone provided with a microphone, a microphone jack and a
microphone plug,
25 wherein said microphone jack includes,

a first jack terminal,
a second jack terminal, and
a third jack terminal, and
said microphone plug includes,

5 a first plug terminal,
a second plug terminal, and
a third plug terminal, wherein

both the second jack terminal and the second plug terminal are connected to an
audio signal line for outputting an audio signal from the microphone, and both the third
10 jack terminal and the third plug terminal are connected to a ground line.

6. A karaoke microphone according to claim 5, wherein the audio signal line
includes a mixer for mixing the two audio signals.

7. A karaoke microphone according to claim 5 or 6, further comprising a power
supply line which applies a microphone power by connecting the first jack terminal and
15 the first plug terminal.

8. A karaoke microphone according to any of claims 5 to 7, further comprising a
terminating resistor which is provided in association with the second jack terminal in
such a manner as to be opened if a microphone plug of another karaoke microphone is
inserted into a microphone jack.

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